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SERIAL NUMBER 06770711	FILED DATE 08/04/86	CRABE FIRST NAMED APPLICANT	R ATTORNEY DOCKET NO. US CASE 52073
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HELLNER, M EXAMINER	
222	
ART UNIT	PAPER NUMBER
09/18/86	

DATE MAILED:

**This is a communication from
the Examiner in charge of your
application.**

Commissioner of Patents and Trademarks

NOTICE OF ALLOWABILITY (FORM D-10)

This application is now in condition for allowance, and the prosecution is closed. However, in view of the secrecy order issued 4-3-86, under 35 U.S.C. (1952) 181, this application will be withheld from issue during such period as the national interest requires.

The allowable claims are: 1-14

M. Hellner/mb
Art Unit 222
8-13-86

mg

T. H. Tubbesing
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EXAMINER

This document contains information under
SECRECY ORDER, as defined in 35USC 181-188.
Unauthorized Disclosures subject to Civil
and Criminal Sanctions.

Art Unit 222

1. The following is an Examiner's Statement of Reasons for Allowance: With respect to claim 1, figure 1 of Adrian et al discloses a spectral comparison fuze system comprising: means (15) for receiving fm/cw signals; means (signal line from 12 to 14) for generating a reference signal related to the received signal; means (16) for amplifying the mixing products derived from mixer 14; means (17 and 18) for high pass/low pass filtering of the output of the amplifier; and means (22-26) for utilizing the output of said filters in order to detect the range to a target. Poirier teaches the concept of spectrum analysis in a radar fuze. The concept of delaying the received signal and subsequently mixing the delayed signal with the received signal as set forth by independent claims 1 and 10 is not suggested by the aforementioned prior art or the prior art cited by the applicant, thus rendering claims 1-14 allowable over said prior art

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Art Unit 222

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Peperone is cited to further illustrate the state of the prior art.

Any inquiry concerning this communication should be directed to Mark Hellner at telephone number 703-557-1131.

Mark Hellner/mb
8-12-86

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